

City of Rockville

Vision Zero Action Plan Progress Chart - May 2023 Update

Action Item	End Date	Objective	Status	Notes
1. Crash Analysis / Predictive Analysis	7/1/2021	Complete the crash analysis and identify areas in the HIN.	Completed	<p>The initial crash analysis was completed in October 2021. This analysis includes serious injury and fatal crashes that occurred during the five-year period between January 1, 2016, and December 31, 2020. An updated analysis that includes serious injury and fatal crashes between January 1, 2017 and December 31, 2021 was completed.</p> <p>The updated High Injury Network includes four state-maintained roadways and one city-maintained roadway. The city-maintained roadway is N. Washington Street and there is a complete streets and road diet project for this roadway. Construction is expected to be complete in Fall 2023.</p> <p>The Vision Zero survey and the Near Miss Questionnaire are open and available on the City's website.</p>
	7/1/2022	Identify number of prioritized projects following the results of the crash analysis.	Ongoing	Transportation staff uses the results from the "Vision Zero Crash Data Analysis" to identify priority roadway safety projects. These includes evaluations of intersections (described in action items # 4 & 6 below), new sidewalks (action item 7) and new bicycle lanes (action item #9).
2. Update City Road Design Standards	7/1/2021	Complete review of the City's existing road design standards.	Complete	Staff has reviewed the city's existing road design standards and has identified which standards need modification.
	7/1/2023	Develop and publish new/revised road design standards utilizing best practices.	On-schedule	Six standards including secondary and primary residential streets have been completed. The remaining standards have been reviewed by the Department of Public Works Engineering Division. Traffic and Transportation Division staff will provide one final review and submit to the Director of Public Works for approval. It is expected that this action item will be completed on schedule.
3. Review Transit Stops	7/1/2022	Complete comprehensive review of transit stops per the findings of the crash analysis.	On-schedule	Staff coordinates with MCDOT Ride-On to confirm relocating two bus stops along MD 355. The first stop proposed for relocation is the southbound stop north of Edmonston Road (#25582) and is proposed to move approximately 250 feet closer to the intersection. The second proposed stop is the northbound stop south of Country Club Road (# 25562) and is proposed to move approximately 330 feet closer to the intersection.
	7/1/2023	Evaluate the review process and develop a program for reviewing stops every five years.	On-schedule	Staff will update review process and develop criteria for review to be updated every five years.

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4. Evaluate Crossings and Unsignalized Intersections	7/1/2022	Develop a list of priority crossings and intersections for modification per the findings of the crash analysis including; Identify all high-risk crossings within the city and increase the percentage of safe crossings and intersections using the number of severe and fatal collisions at crossings and intersections.	Complete	<p>DPW staff evaluated intersection improvements at five City-maintained, Vision Zero intersections. The five intersections reviewed are: East Gude Drive and Taft Street/Court, Edmonston Drive and Lewis Avenue, Fleet Street and Wootton Parkway, Preserve Parkway and Wootton Parkway, and Seven Locks Road and Wootton Parkway.</p> <p>Staff has organized two virtual public meetings to discuss the proposed improvements at the intersections of Fleet Street and Wootton Parkway, and Edmonston Drive and Lewis Avenue. These intersections are close to residential properties and staff would like to share the proposed improvements as well as solicit feedback from the public.</p> <p>Staff identified the next set of Vision Zero intersections to carry out intersection safety audits, including West Gude Drive and Research Boulevard, West Gude Drive and Piccard Drive, West Gude Drive and Gaither Road, Gaither Road and Redland Boulevard, and East Gude Drive and Rothgeb Drive.</p> <p>The 11 Vision Zero intersection safety audits on state-maintained roadways are under review by MDOT SHA Office of Traffic Safety. City staff met with MDOT SHA on April 27, 2023, and MDOT SHA indicated that a final report, including the intersection safety audits, response from the MDOT Office of Traffic Safety, and a memorandum of action describing the improvements MDOT SHA will implement is expected in the Fall.</p>
	7/1/2023	Apply best practices to improve safe crossings (such as bump-outs, medians, traffic control devices like paddles and rectangular rapid flashing beacons).	On-schedule	<p>The initial proposed improvements include pedestrian refuge islands, curb extensions, signalization changes and re-routing to improve safety, consistent with best practices. Staff has initiated implementing improvements for the five city-maintained intersections. It is expected that all improvements will be completed by Fall 2023.</p>
5. State/Montgomery County/City Project Collaboration	7/1/2022	Improve safety on roadways operated and maintained by SHA.	Ongoing	Staff meets with the State Highway Administration (SHA) and Montgomery County staff quarterly to discuss safety concerns on roadways owned/operated by SHA/County.

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	Ongoing	Continue to advocate for identified project areas on roadways operated and maintained by SHA.	Ongoing	<p>The 11 Vision Zero intersection safety audits on state-maintained roadways for Action Items # 4 & 6 are under review by MDOT SHA Office of Traffic Safety. The final report is expected in Fall 2023.</p> <p>MDOT confirmed that MDOT SHA will be implementing sidewalk ADA improvements along MD 355 between Edmonston Drive and First Street, and between E. Jefferson St and Monroe Place. These improvements are funded through their system preservation program and focus specifically on ADA accessibility. Designs for the first section (Edmonston Drive to First Street) will be shared in the summer with City staff.</p>
6. Improve Traffic Signals	7/1/2022	Complete a review of traffic signals per the findings of the crash analysis.	Complete	Staff has compiled a list of intersections within the City where multiple crashes have occurred over the past few years. This list includes 11 state intersections and 20 city intersections.
	7/1/2023	Identify improvements and implement projects on signals owned/operated by the City and advocate for improvements that can lead us to better and safer experiences for all users at these types of intersections.	On-schedule	The state-maintained intersections were shared with MDOT SHA and the final report is expected in Fall 2023. Additionally, city staff, with the support of a consultant, have evaluated the city-maintained intersections for multimodal safety improvements. The final report for city-maintained intersections is complete and improvements, including signalization improvements at E. Gude Drive/Taft Court and Seven Locks Rd/Wootton Pkwy will be completed by Fall 2023.
7. Accelerate Sidewalk Construction	7/1/2022	Develop a list of high priority projects per the findings of the crash analysis.	Complete	<p>Coordinating with the Rockville Pedestrian Advocacy Committee, and using the Sidewalk Prioritization Policy, staff has developed a list of priority sidewalk projects.</p> <p>Staff has identified the next set of sidewalk gaps to evaluate for feasibility. These include Carr Avenue, Henry Road, Gail Avenue, Ritchie Parkway, Watts Branch Parkway, and Woodland Road.</p>

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	7/1/2026	Complete priority projects and expand the city's bicycle network by providing additional sidewalk.	On-schedule	<p>The consultant incorporated comments from City staff regarding the concept plans for the six sidewalk projects. These include Frederick Avenue, Highland Avenue, Monroe Street, Nelson Street, Reading Terrace, and Wood Lane. Staff led walk/roll-the-block public meetings for Frederick Avenue, Highland Avenue, Reading Terrace, and Wood Lane in April. Staff also facilitated a public meeting with Victory Court residents to discuss Monroe Street. In May, staff will prepare a memorandum recommending which sidewalk segments should be deemed feasible and advance to design and construction.</p> <p>The Transportation Alternatives Program grant agreement was reviewed by the City Attorney's Office and MDOT. It is expected to be signed by the City and MDOT in May. Staff has also prepared a scope of work and submitted it to the MDOT SHA District 3 consultant for a quote. This project will include evaluating eight sidewalk gaps in the Twinbrook neighborhood.</p>
8. Create Pedestrian Master Plan	7/1/2021	Complete the review of the City's existing pedestrian policies.	Complete	<p>Staff has reviewed the City's policies and documents related to pedestrian safety. These policies, and potential updates to these policies, will be referenced in the Pedestrian Master Plan.</p> <p>RPAC and other engaged residents will be able to provide comments and feedback regarding existing policies for the Master Plan update.</p>

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	7/1/2023	Conduct public outreach, communication to stakeholder groups (such as the Rockville Pedestrian Advocacy Committee), and develop and present to the M&C a draft pedestrian masterplan.	Ahead of schedule	<p>Staff and RPAC drafted a mission statement and goals for the Pedestrian Master Plan.</p> <p>A first draft of the Pedestrian Master Plan has been completed and reviewed internally by PW staff. Before the draft can be shared with the Rockville Pedestrian Advocacy Committee, the Rockville Bicycle Advisory Committee, the Transportation and Mobility Commission and the public, the draft needs to be formatted and graphics completed. It is expected that the draft will be shared with the public in May 2023.</p> <p>Additionally, the Pedestrian Master Plan project webpage (https://engagerockville.com/pedestrian-master-plan) is active and provides opportunities for residents and visitors to learn about the project, submit ideas and questions, and provide comments through an interactive map and survey. There have been 239 survey responses and 94 location comments submitted so far. While there have been no new survey responses, there have been six new map comments since last quarter.</p>
9. Expand Network of Safe Bicycle Facilities	7/1/2022	Develop a list of high priority projects per the findings of the crash analysis, the guidelines of the Bikeway Master Plan and the consultation of stakeholder groups (such as the Rockville Bike Advisory Committee).	Complete	Coordinating with the Rockville Bicycle Advisory Committee, staff has developed a prioritized list of bike lane projects from the Bikeway Master Plan.
	7/1/2028	Complete priority projects and expand the City's bicycle network by providing additional linear feet of bicycle infrastructure.	Ahead of schedule	<p>PW Staff has solicited a request for quotes for the design of the Martins Lane bicycle lane, which is funded by the Maryland Bikeways grant. Additionally, the City is working with a contractor and exploring the best options to procure bicycle and pedestrian counters, which is funded by a separate Maryland Bikeways grant. Both grant agreements were approved by the Mayor and Council during the last quarter.</p> <p>Additionally, staff is preparing a Transportation Alternatives Program (TAP) grant and a Maryland Bikeways grant for this upcoming fiscal year. The TAP grant project proposed is to develop a 30% engineering plan for the Fleet and Monroe Complete Streets project, the Maryland Bikeways grant proposed is to evaluate the feasibility and design of bicycle facilities along E. Jefferson Street and Halpine Road near Congressional Plaza.</p>

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10. Increase Enforcement Activities	Ongoing	Develop the list of high-incident areas for collisions and violations associated with the crashes. Use multiple enforcement techniques to target and change behavior. The efforts will be ongoing and reevaluated when new crashes occur to ensure we continue to use resources in the most effective and impactful manner.	Ongoing	<p>The Rockville City Police Department (RCPD) continues to enforce traffic safety alongside other enforcement activities. They respond to traffic enforcement requests from the public and other city departments. DPW staff will forward traffic safety requests when residents or visitors indicate people not yielding or following traffic laws in specific areas. This is an initial response before infrastructure changes are considered.</p> <p>Additionally, the traffic unit receives a copy of the monthly crash summary that is developed by the Rockville Pedestrian Advocacy Committee. RCPD analysts review this data, as well as other traffic requests, to review high-crash locations for additional enforcement.</p>
11. Explore Expanding Automated Enforcement	Ongoing	Both speed and red-light cameras are a part of the ongoing and continued efforts at promoting safe driving in the city. These efforts will include maximizing the impact to driver behavior through placement of existing portable speed cameras, in line with violation and crash data, while ensuring the location is in compliance with legal statutes. When a new contract is executed with the vendor, RCPD will explore the feasibility of increasing the number of automated devices to be deployed at more locations, thus allowing for greater impact on driving behavior and promoting safe driving.	Ongoing	RCPD continues to carry out automated traffic enforcement. and continues to work with the contractor to update all speed monitoring cameras in the City. Data collected from automated enforcement cameras, including the number of tickets issued per month and camera location are shared with Public Works staff and used to evaluate roadway safety projects.
12. Expand Traffic Law Enforcement and Distracted Driving Detection Program	Ongoing	Develop the list of high-incident areas for collisions and violations associated with the crashes. Use multiple enforcement techniques to target and change behavior. The efforts will be ongoing and reevaluated when new crashes occur to ensure we continue to use resources in the most effective and impactful manner.	Ongoing	RCPD applied for the FY 2024 Maryland Highway Safety Office Grant for Impaired Driving, Distracted Driving, and Speed Enforcement. It is expected that awardees will be notified in the Fall.

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13. Collaboration with Court System	Ongoing	Initial education of the judicial system to the Vision Zero efforts has already occurred. As cases go to court, officers will ensure that judges are aware of violations occurring in high-incident areas prior to a sanction for the violation being imposed.	Ongoing	Initial education of the judicial system regarding the Vision Zero efforts has already occurred. RCPD continues to notify judges when violations occur in high incident areas.
14. Enhance Police Driver Training	ongoing	While not currently an issue for the Police Department, will monitor for any severe or fatal collisions involving police vehicles, and continue to identify and provide remedial driver training as needed.	Ongoing	The department continues to promote to employees the importance of modeling safe driving and pedestrian behavior. Every employee involved collision is reviewed to include an assessment of previous incidents if they exist. As applicable, employees are required to attend appropriate remedial driver training.
15. Temporary Traffic Control Devices	ongoing	Procure additional temporary traffic control devices as they are identified as being needed. Continue to partner with the County and State when additional devices are needed at crash scenes. This increased visibility and direction at incidents on the streets will reduce the number of severe or fatal collisions occurring on the roadway impacted by an unexpected event.	Ongoing	RCPD currently has portable stop signs, barricades and cones available to employees to aid in traffic control as necessary. RCPD uses these tools as necessary to direct traffic during crash incidents or other events.
16. Create Comprehensive Outreach Strategy	7/1/2021	Create a comprehensive outreach strategy for the general population.	Complete	Staff completed an outreach strategy and continues to coordinate with the Public Information Office to update outreach efforts regarding Vision Zero. PW and PIO staff drafted multiple articles for bicycle safety travel for Rockville Reports. This included a general bicycle safety and bicycle tip-sheet article in March and a Bike Month related article for the May Rockville Reports. Additionally, PIO staff regularly post transportation safety informational posts on the City's social media accounts. Additionally, the Vision Zero website includes a "Vision Zero Survey" to solicit comments about the program and traffic safety in general, and a "Near-Miss Questionnaire" to provide residents and opportunities to share near-miss incidents with City staff.
	7/1/2022	Evaluate the effectiveness of outreach efforts and create a communication strategy targeting specific groups per the findings of the crash analysis.	Ongoing	Public Information and Community Engagement Office staff continues to monitor activity of the city's vision zero webpage as well as comments and feedback regarding Vision Zero related posts.

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17. Join Montgomery County on Safe Routes to School Activities	1/1/2022	Join Montgomery County by developing a collaboration agreement with Montgomery County and MCPS.	Ongoing	Staff coordinated with the Montgomery County Safe Routes to School coordinator to present the Safe Routes program and opportunities for collaboration with the Rockville Bicycle Advisory Group and the Traffic & Transportation Commission. Staff has supported three elementary schools to participate in Bike to School Day. The City provided flyers, banners, and bike lights to give to students that participate.
	7/1/2022	Evaluate the effectiveness of our outreach efforts, reevaluate actions per the findings of the crash analysis, and continue to coordinate with Montgomery County Public Schools (MCPS).	Ongoing	The City encourages students to share their experiences on the Vision Zero survey as well as the Pedestrian Master Plan survey.
18. Join Montgomery County's On-bike Education Programs for Kids	1/1/2022	Join Montgomery County by developing a collaboration agreement with Montgomery County and MCPS.	Ongoing	The Rockville Bicycle Advisory Committee has collaborated with the Montgomery County Safe Routes to School Coordinator in order to pilot a bicycle-rodeo/bicycle education efforts at Beall Elementary School. The Committee also recommended that the City fund an on-bike education program for Rockville students. Staff has also supported the Ritchie Park Elementary School bike-to-school program, provide Vision Zero branded bike lights for students that bike to school at least 20 times.
	7/1/2022	Evaluate the effectiveness of our outreach efforts, reevaluate actions per the findings of the crash analysis, and continue to coordinate with Montgomery County Public Schools (MCPS).	On-schedule	Staff will continue to look into opportunities to promote on-bike education activities and biking related events, such as Bike to School Day, for school-aged children.
19. Safety Awareness Training for City Employees	7/1/2021	Develop education materials and provide information to City staff.	Complete	Staff coordinated with HR to distribute materials to new employees so that they understand the City's commitment during orientation. HR staff has also provided special training ("Toolbox Talks") to members of Public Works who spend much of their time in the field.

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20. Training in the Community	7/1/2021	Create outreach materials and identify community partners.	Ongoing	Electronic copies of the Vision Zero factsheet flyers were shared (in Spanish and English) with civic associations, HOA's, faith-based organizations, schools, and some Black and Hispanic organizations in the area. Paper flyers were also placed inside the mailed kits sent to volunteers for the days of service organized by the City. Staff coordinated with the Public Information and Community Engagement Office to update these flyers and to share the information. Staff recently shared "Safe urban cycling" pamphlets with the Thomas Farm and Twinbrook Community Centers. Additional pamphlets are available in City Hall and the Town Center Library. Staff continue to explore opportunities for reaching the community, especially community groups who face a disproportionate safety risk.
	7/1/2022	Evaluate the effectiveness of our outreach efforts and reevaluate actions per findings of the crash analysis.	Ongoing	Staff will review effectiveness of outreach materials in reference to the results of the crash analysis and recommend further refinements for improved outreach.
21. Appoint Vision Zero Coordinator	7/1/2020	Serve as an initial point of contact and overseer of action item implementation.	Complete	A Principal Transportation Planner was hired in August 2021. This person's work program includes coordinating the Vision Zero Program and the city's pedestrian and bicycle transportation efforts.
22. Establish Cross Departmental Vision Zero Task Force	7/1/2021	Provide coordination among City departments while implementing action items.	Complete	The Vision Zero Task Force was created in March 2020 and has met quarterly since the adoption of the Vision Zero Action Plan in July 2020. Working groups were established from this task force to focus on implementing specific action items.
23. Change Policies, Regulations, and Laws	7/1/2022	Review existing laws, policies, and regulations to identify specific changes per the findings of the crash analysis.	On-Schedule	Staff continues to review policies, regulations, and practices for opportunities to further Vision Zero goals. Many of the pedestrian related policies will be reviewed as part of the Pedestrian Master Plan.
24. Ensure Fairness and Equality Throughout Vision Zero Projects	ongoing	Review all Vision Zero projects and strategies during the entirety of implementation to ensure fairness and equality are met.	Ongoing	Staff continues to carry out action items through the lens of equity and fairness. This includes assessing the needs of all people traveling different modes and providing an opportunity for people to achieve equal outcomes and not only be provided equal opportunities.

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25. Create Vision Zero Webpage	7/1/2021	Finalize the design of the Vision Zero webpage.	Complete	<p>The City's Vision Zero webpage is an active page on the City's website. The "Near-Miss" questionnaire was added in December 2021 to solicit responses from residents and visitors who have experienced a near-miss incident. Additionally, the most recent Vision Zero update, timeline, and progress charts have been added.</p> <p>The Public Information and Community Engagement Office has helped to create a Vision Zero projects sub-page within the Vision Zero webpage. This helps organize the web page so that information is more accessible to the webpage visitors.</p> <p>The most recent quarterly update was posted online along with the most up to date progress chart and timeline. Additionally, the Vision Zero projects webpage was updated to include the Construction updates for the Town Center Road Diets project, upcoming public meetings for the Fleet and Monroe Complete Streets Projects, as well as the Vision Zero Intersection Safety Audits.</p>
26. Publish Collision Data	Ongoing	Publish crash data findings and analysis on the city's Vision Zero webpage upon completion of the crash data analysis.	Ongoing	Up-to-date crash data collected by the County is regularly updated on the County's Open Data Portal website and is available to the public. The city's Vision Zero website includes links to this information.
27. Improve Crash Data Collection	10/1/2021	Review crash data collection following the initial crash analysis.	Ongoing	Staff examined the methodology of the County's crash dataset and continues to look into opportunities to collect more qualitative data. Data collected during a crash is compiled in the Automatic Crash Reporting System (ACRS) which is a statewide program and consistent across police departments.
		Provide initial outreach with Montgomery County, and continue coordination throughout data collection.	Ongoing	<p>The Rockville Pedestrian Advocacy creates a monthly crash data summary that tracks all</p> <p>Staff meets with Montgomery County regularly to share data findings and opportunities for additional data analysis.</p>
28. Coordinate with Peer Learning Opportunities	ongoing	Provide initial outreach to other Vision Zero Communities and organizations.	Ongoing	<p>Staff continues to coordinate with Montgomery County and Maryland Department of Transportation on Vision Zero actions through its Vision Zero Coordinators with the Department of Transportation and Planning Department.</p> <p>Additionally, staff attends the Bicycle and Pedestrian Subcommittee of the Washington Metropolitan Council of Governments.</p>

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29. Update Traffic Safety Programs	7/1/2022	Complete the review of the city's existing traffic safety programs and policies per the findings of the crash analysis.	Ongoing	Staff continues to review policies and programs as related to other transportation and development activities. Additionally, staff will work with the RCPD to identify other programs that can be implemented to advance traffic safety, such as crosswalk enforcement.
	7/1/2023	Identify and prioritize specific changes.	on-schedule	Staff will identify traffic safety programs that can be implemented through the Vision Zero program.
30. Procure Safer Vehicles	7/1/2021	Adopt new fleet purchasing policy.	Complete	Staff has reviewed the fleet replacement policy and recommended additional language to the Fleet Vehicle Replacement Schedule of the FY23 and subsequent budgets.